

# Marcelo J Kogan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68  
papers

2,460  
citations

23  
h-index

49  
g-index

70  
ext. papers

2,874  
ext. citations

7  
avg. IF

4.82  
L-index

#	Paper	IF	Citations
68	Gold nanostructures: synthesis, properties, and neurological applications.. <i>Chemical Society Reviews</i> , <b>2022</b> ,	58.5	7
67	Peptide Targeted Gold Nanoplatform Carrying miR-145 Induces Antitumoral Effects in Ovarian Cancer Cells. <i>Pharmaceutics</i> , <b>2022</b> , 14, 958	6.4	
66	Surface enhanced fluorescence effect improves the in vivo detection of amyloid aggregates. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2022</b> , 102569	6	
65	NIR and glutathione trigger the surface release of methotrexate linked by Diels-Alder adducts to anisotropic gold nanoparticles. <i>Materials Science and Engineering C</i> , <b>2021</b> , 131, 112512	8.3	3
64	The Influence of Size and Chemical Composition of Silver and Gold Nanoparticles on in vivo Toxicity with Potential Applications to Central Nervous System Diseases. <i>International Journal of Nanomedicine</i> , <b>2021</b> , 16, 2187-2201	7.3	8
63	Plasmonic Nanoparticles as Optical Sensing Probes for the Detection of Alzheimer's Disease. <i>Sensors</i> , <b>2021</b> , 21,	3.8	3
62	Microfluidics-assisted conjugation of chitosan-coated polymeric nanoparticles with antibodies: Significance in drug release, uptake, and cytotoxicity in breast cancer cells. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 591, 440-450	9.3	15
61	Cyclodextrin Nanosponges Inclusion Compounds Associated with Gold Nanoparticles for Potential Application in the Photothermal Release of Melphalan and Cytoxin. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
60	Functionalization with PEG/Angiopep-2 peptide to improve the delivery of gold nanoprisms to central nervous system: in vitro and in vivo studies. <i>Materials Science and Engineering C</i> , <b>2021</b> , 121, 111785	8.3	6
59	Study of the interaction of folic acid-modified gold nanorods and fibrinogen through microfluidics: implications for protein adsorption, incorporation and viability of cancer cells. <i>Nanoscale</i> , <b>2021</b> , 13, 17807-17821	7.7	1
58	The Combined Use of Gold Nanoparticles and Infrared Radiation Enables Cytosolic Protein Delivery. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 4670-4675	4.8	3
57	Functionalization of Gold Nanostars with Cationic Cyclodextrin-Based Polymer for Drug Co-Loading and SERS Monitoring. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	6
56	Extracellular Vesicles as Mediators of Cancer Disease and as Nanosystems in Theranostic Applications. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
55	Oligoarginine Peptide Conjugated to BSA Improves Cell Penetration of Gold Nanorods and Nanoprisms for Biomedical Applications. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	2
54	The curvature of gold nanoparticles influences the exposure of amyloid- $\beta$ and modulates its aggregation process. <i>Materials Science and Engineering C</i> , <b>2021</b> , 128, 112269	8.3	3
53	In vivo micro computed tomography detection and decrease in amyloid load by using multifunctionalized gold nanorods: a neurotheranostic platform for Alzheimer's disease. <i>Biomaterials Science</i> , <b>2021</b> , 9, 4178-4190	7.4	4
52	Cyclodextrin-Modified Nanomaterials for Drug Delivery: Classification and Advances in Controlled Release and Bioavailability.. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	9

51	Light-induced release of the cardioprotective peptide angiotensin-(1-9) from thermosensitive liposomes with gold nanoclusters. <i>Journal of Controlled Release</i> , <b>2020</b> , 328, 859-872	11.7	2
50	Improving Cell Penetration of Gold Nanorods by Using an Amphipathic Arginine Rich Peptide. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 1837-1851	7.3	9
49	Gold nanoparticle based double-labeling of melanoma extracellular vesicles to determine the specificity of uptake by cells and preferential accumulation in small metastatic lung tumors. <i>Journal of Nanobiotechnology</i> , <b>2020</b> , 18, 20	9.4	34
48	Inhibition of Amyloid Aggregation of Ugni molinae Extracts. <i>Current Pharmaceutical Design</i> , <b>2020</b> , 26, 1365-1376	3.3	1
47	Intranasal administration of gold nanoparticles designed to target the central nervous system: Fabrication and comparison between nanospheres and nanoprisms. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 590, 119957	6.5	7
46	Adsorption of bovine serum albumin on gold nanoprisms: interaction and effect of NIR irradiation on protein corona. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 8644-8657	7.3	7
45	Exploiting the Natural Properties of Extracellular Vesicles in Targeted Delivery towards Specific Cells and Tissues. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	14
44	Poly-E-caprolactone Nanoparticles Loaded with 4-Nerolidylcatechol (4-NC) for Growth Inhibition of. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	3
43	Gold Nanoparticles Mediate Improved Detection of Amyloid Aggregates by Fluorescence. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	15
42	Capping gold nanoparticles with albumin to improve their biomedical properties. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 6387-6406	7.3	62
41	The antinociceptive effect of resveratrol in bone cancer pain is inhibited by the Silent Information Regulator 1 inhibitor selisistat. <i>Journal of Pharmacy and Pharmacology</i> , <b>2019</b> , 71, 816-825	4.8	10
40	Intranasal delivery of mesenchymal stem cell-derived exosomes reduces oxidative stress and markedly inhibits ethanol consumption and post-deprivation relapse drinking. <i>Addiction Biology</i> , <b>2019</b> , 24, 994-1007	4.6	28
39	Exploring the influence of Diels-Alder linker length on photothermal molecule release from gold nanorods. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 166, 323-329	6	9
38	CLPFFD-PEG functionalized NIR-absorbing hollow gold nanospheres and gold nanorods inhibit Amyloid aggregation. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 2432-2443	7.3	16
37	Encapsulation of Gold Nanostructures and Oil-in-Water Nanocarriers in Microgels with Biomedical Potential. <i>Molecules</i> , <b>2018</b> , 23,	4.8	14
36	Peptide functionalized magneto-plasmonic nanoparticles obtained by microfluidics for inhibition of Amyloid aggregation. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 5091-5099	7.3	8
35	Functionalization of stable fluorescent nanodiamonds towards reliable detection of biomarkers for Alzheimer's disease. <i>Journal of Nanobiotechnology</i> , <b>2018</b> , 16, 60	9.4	22
34	The Ethyl Acetate Extract of Leaves of Ugni molinae Turcz. Improves Neuropathological Hallmarks of Alzheimer's Disease in Female APPswe/PS1dE9 Mice Fed with a High Fat Diet. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 66, 1175-1191	4.3	7

33	HAI Peptide and Backbone Analogs-Validation and Enhancement of Biostability and Bioactivity of BBB Shuttles. <i>Scientific Reports</i> , <b>2018</b> , 8, 17932	4.9	4
32	Photothermally Controlled Methotrexate Release System Using $\beta$ Cyclodextrin and Gold Nanoparticles. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	10
31	Gold nanorods/siRNA complex administration for knockdown of PARP-1: a potential treatment for perinatal asphyxia. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 6839-6854	7.3	8
30	Curcumin-loaded nanoemulsion: a new safe and effective formulation to prevent tumor recurrence and metastasis. <i>Nanoscale</i> , <b>2018</b> , 10, 22612-22622	7.7	48
29	Biomimetic quantum dot-labeled B16F10 murine melanoma cells as a tool to monitor early steps of lung metastasis by in vivo imaging. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 6391-6412	7.3	8
28	Gold nanoparticles as tracking devices to shed light on the role of caveolin-1 in early stages of melanoma metastasis. <i>Nanomedicine</i> , <b>2018</b> , 13, 1447-1462	5.6	7
27	Photothermal conversion efficiency and cytotoxic effect of gold nanorods stabilized with chitosan, alginate and poly(vinyl alcohol). <i>Materials Science and Engineering C</i> , <b>2017</b> , 77, 583-593	8.3	41
26	The effects of gold nanoparticles functionalized with $\beta$ amyloid specific peptides on an in vitro model of blood-brain barrier. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2017</b> , 13, 1645-1652 <sup>6</sup>		49
25	Construction of 6-thioguanine and 6-mercaptopurine carriers based on $\beta$ yclodextrins and gold nanoparticles. <i>Carbohydrate Polymers</i> , <b>2017</b> , 177, 22-31	10.3	20
24	Structural and functional identification of vasculogenic mimicry in vitro. <i>Scientific Reports</i> , <b>2017</b> , 7, 6985	4.9	29
23	Peptide multifunctionalized gold nanorods decrease toxicity of $\beta$ amyloid peptide in a <i>Caenorhabditis elegans</i> model of Alzheimer's disease. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2017</b> , 13, 2341-2350	6	44
22	In Situ Visualization of the Local Photothermal Effect Produced on $\beta$ Cyclodextrin Inclusion Compound Associated with Gold Nanoparticles. <i>Nanoscale Research Letters</i> , <b>2016</b> , 11, 180	5	6
21	The case for aflatoxins in the causal chain of gallbladder cancer. <i>Medical Hypotheses</i> , <b>2016</b> , 86, 47-52	3.8	12
20	Evidence of the Disassembly of $\beta$ Cyclodextrin-octylamine Inclusion Compounds Conjugated to Gold Nanoparticles via Thermal and Photothermal Effects. <i>Molecules</i> , <b>2016</b> , 21,	4.8	5
19	Gold nanoparticles interacting with $\beta$ yclodextrin-phenylethylamine inclusion complex: a ternary system for photothermal drug release. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 15177-88	9.5	33
18	Interaction of the CLPFFD peptide with gold nanospheres. A Raman, surface enhanced Raman scattering and theoretical study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 134, 251-6	4.4	10
17	Peptides and proteins used to enhance gold nanoparticle delivery to the brain: preclinical approaches. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 4919-36	7.3	48
16	Organic and Inorganic Nanoparticles for Prevention and Diagnosis of Gastric Cancer. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 4145-54	3.3	5

15	Gold nanoparticles for photothermally controlled drug release. <i>Nanomedicine</i> , <b>2014</b> , 9, 2023-39	5.6	32
14	Flow chemistry to control the synthesis of nano and microparticles for biomedical applications. <i>Current Topics in Medicinal Chemistry</i> , <b>2014</b> , 14, 676-89	3	16
13	Stable conjugates of peptides with gold nanorods for biomedical applications with reduced effects on cell viability. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 4076-85	9.5	59
12	Synthesis and in vivo evaluation of the biodistribution of a 18F-labeled conjugate gold-nanoparticle-peptide with potential biomedical application. <i>Bioconjugate Chemistry</i> , <b>2012</b> , 23, 399-408	6.3	82
11	Delivery of gold nanoparticles to the brain by conjugation with a peptide that recognizes the transferrin receptor. <i>Biomaterials</i> , <b>2012</b> , 33, 7194-205	15.6	183
10	Improving the brain delivery of gold nanoparticles by conjugation with an amphipathic peptide. <i>Nanomedicine</i> , <b>2010</b> , 5, 897-913	5.6	85
9	Bioaccumulation and toxicity of gold nanoparticles after repeated administration in mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 393, 649-55	3.4	435
8	Formation of Copper Nanoparticles Supported onto Inclusion Compounds of Cyclodextrin: A New Route to Obtain Copper Nanoparticles. <i>Molecular Crystals and Liquid Crystals</i> , <b>2010</b> , 521, 246-252	0.5	8
7	Multifunctionalized gold nanoparticles with peptides targeted to gastrin-releasing peptide receptor of a tumor cell line. <i>Bioconjugate Chemistry</i> , <b>2010</b> , 21, 1070-8	6.3	60
6	Conjugation of Kahalalide F with gold nanoparticles to enhance in vitro antitumoral activity. <i>Bioconjugate Chemistry</i> , <b>2009</b> , 20, 138-46	6.3	67
5	Gold Nanoparticles and Microwave Irradiation Inhibit Beta-Amyloid Amyloidogenesis. <i>Nanoscale Research Letters</i> , <b>2008</b> , 3, 435-443	5	64
4	How changes in the sequence of the peptide CLPFFD-NH <sub>2</sub> can modify the conjugation and stability of gold nanoparticles and their affinity for beta-amyloid fibrils. <i>Bioconjugate Chemistry</i> , <b>2008</b> , 19, 1154-63	6.3	102
3	Peptides and metallic nanoparticles for biomedical applications. <i>Nanomedicine</i> , <b>2007</b> , 2, 287-306	5.6	109
2	Mechanistic aspects of CPP-mediated intracellular drug delivery: relevance of CPP self-assembly. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2006</b> , 1758, 264-79	3.8	169
1	Nanoparticle-mediated local and remote manipulation of protein aggregation. <i>Nano Letters</i> , <b>2006</b> , 6, 110-5	11.5	256